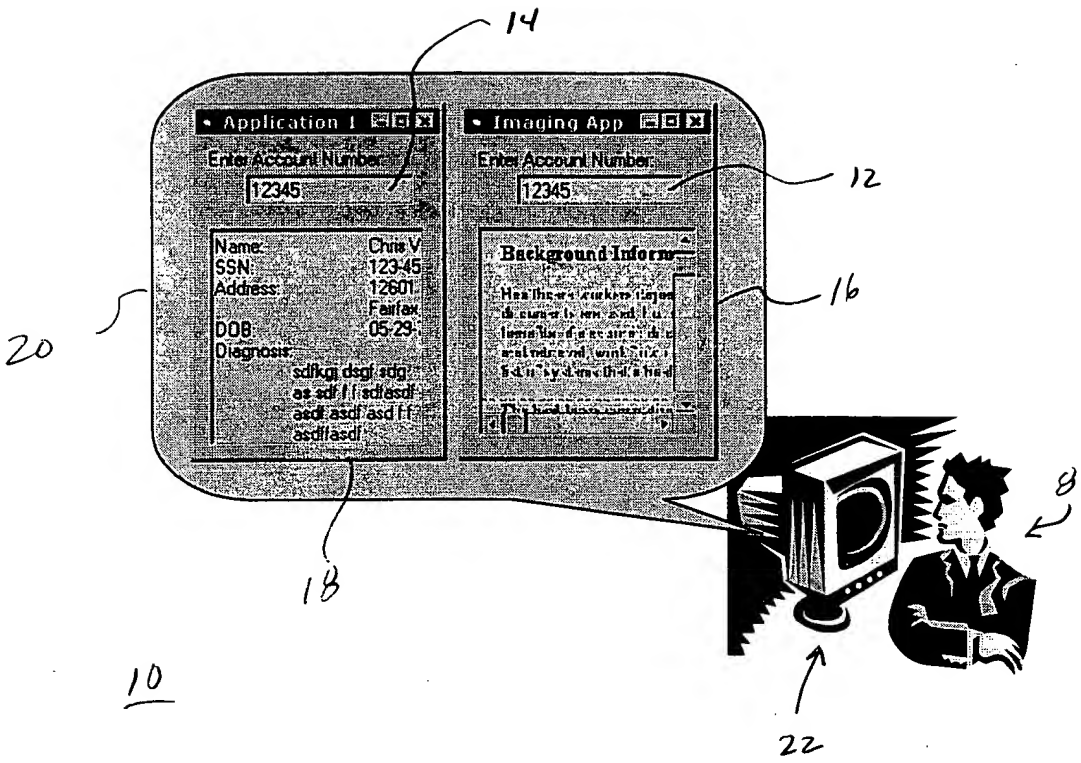

14
Application 1
Enter Account Number
12345
Name: Chris V
SSN: 123-45
Address: 12601
Fairfax
DOB: 05-29-
Diagnosis:
sdfkgj dsgf sdg
as sdf f fsdfasdf
asdf asdf asd f f
asdfasdf
Imaging App
Enter Account Number
12345
12
Background Inform
16
20
18
8
10
22

Figure 1

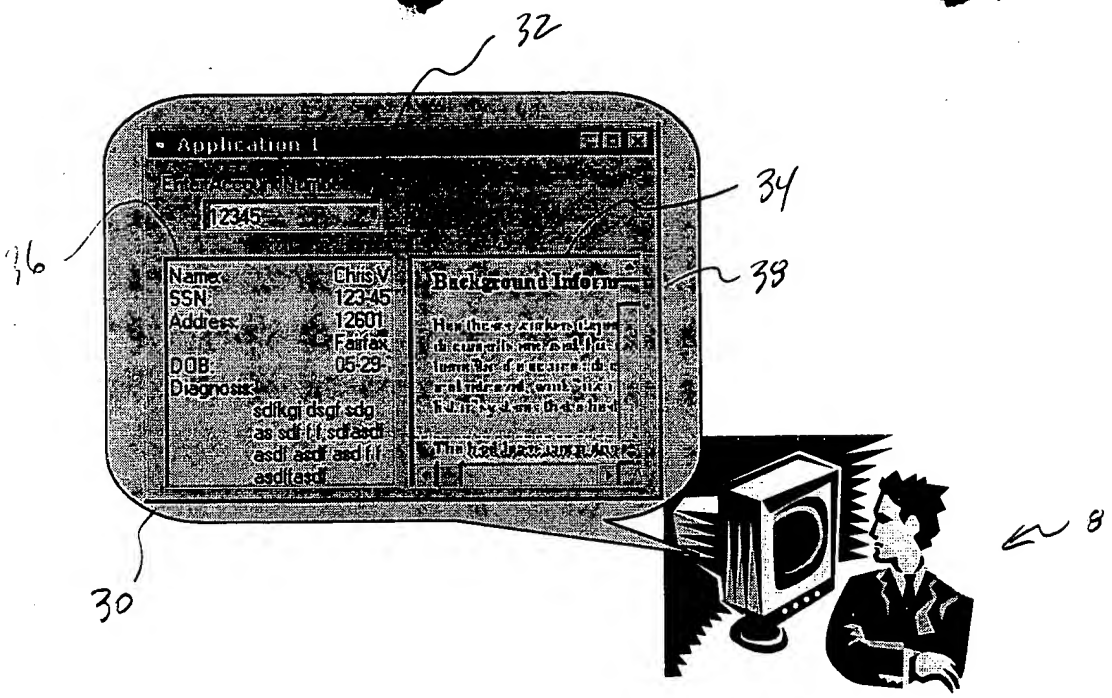

32
Application 1
Enter Accession Number
12345
34
36
Name: Chris V
SSN: 123-45
Address: 12601
Fairfax
DOB: 05-29-
Diagnosis: sdfkgj dsgf sdg
as sdf f f sdf asdf
asdf asdf asd f f
asdfasdf
Background Inform
38
8
30

Figure 2

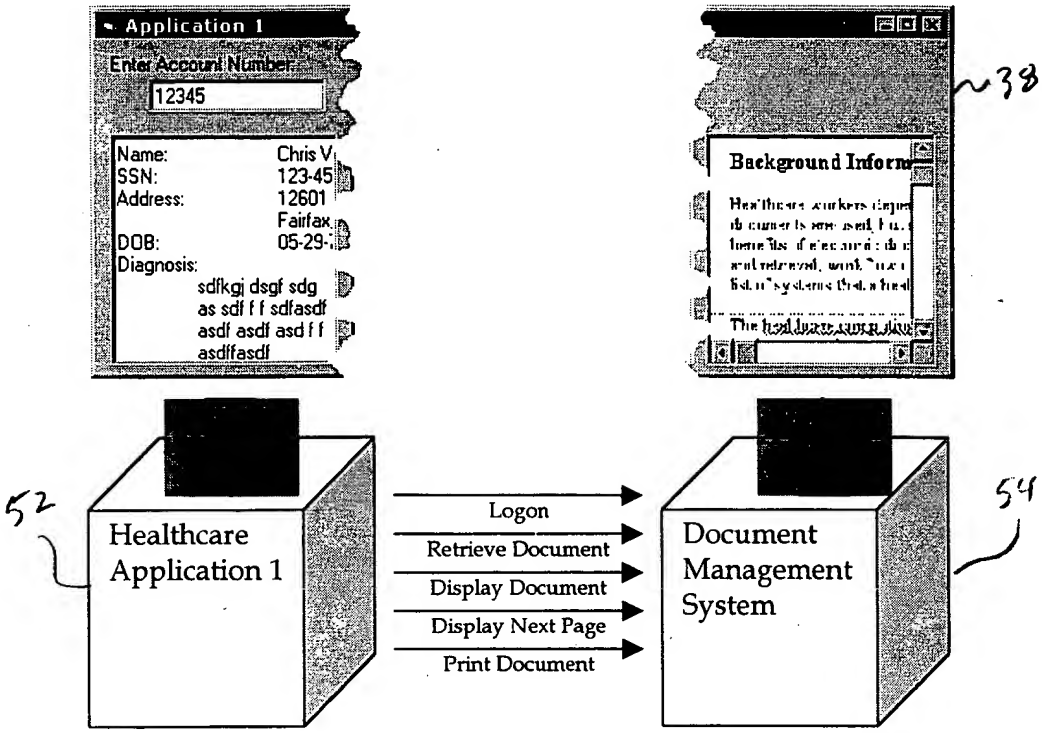

Application 1
Enter Account Number:
12345
Name:
Chris V
SSN:
123-45
Address:
12601
Fairfax
DOB:
05-29-
Diagnosis:
sdfkgj dsgf sdg
as sdf f f sdfasdf
asdf asdf asd f f
asdfasdf
Background Inform
38
52
Healthcare Application 1
Logon
Retrieve Document
Display Document
Display Next Page
Print Document
Document Management System
54

Figure 3

6611080 01/29/60

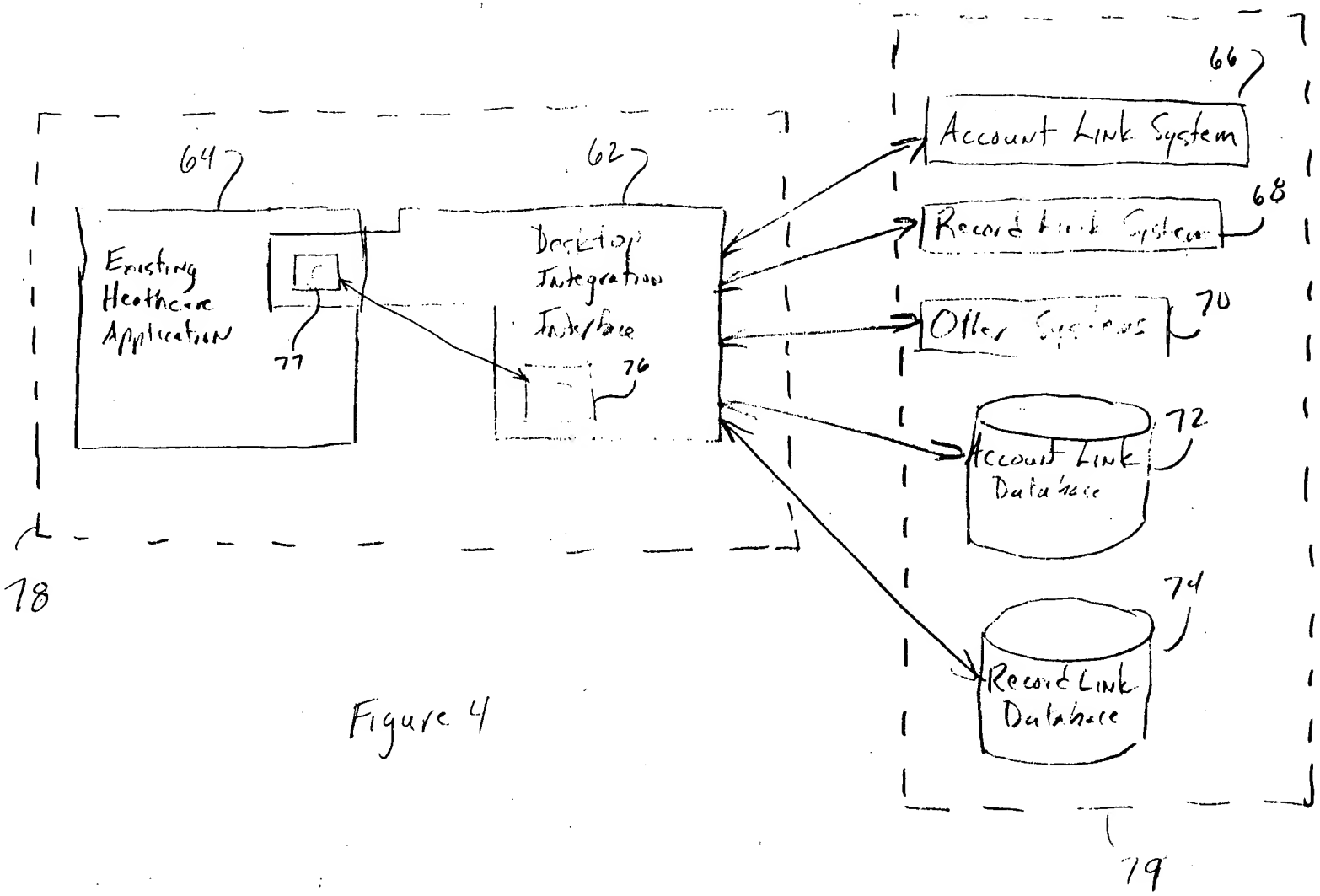


Figure 4

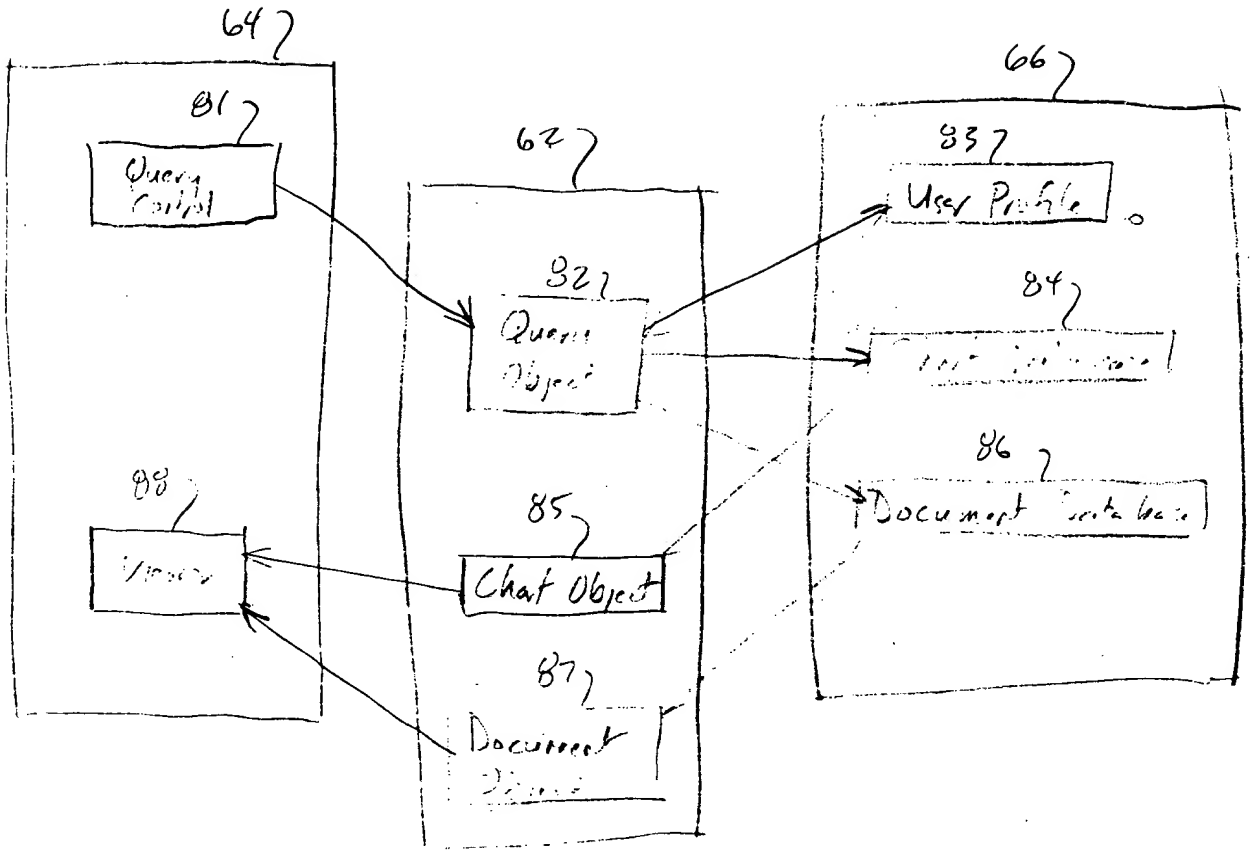

64
81
Query Control
62
Query Object
88
Viewer
85
Chat Object
87
Document Viewer
66
83
User Profile
84
86
Document Database

Figure 5

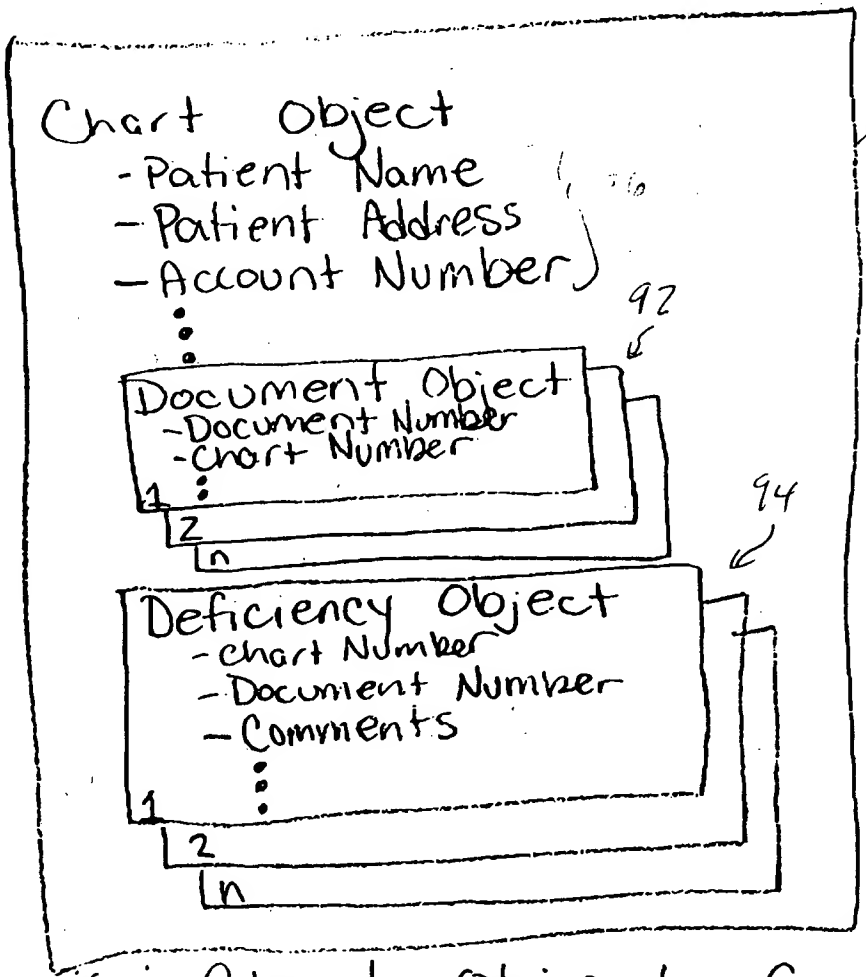
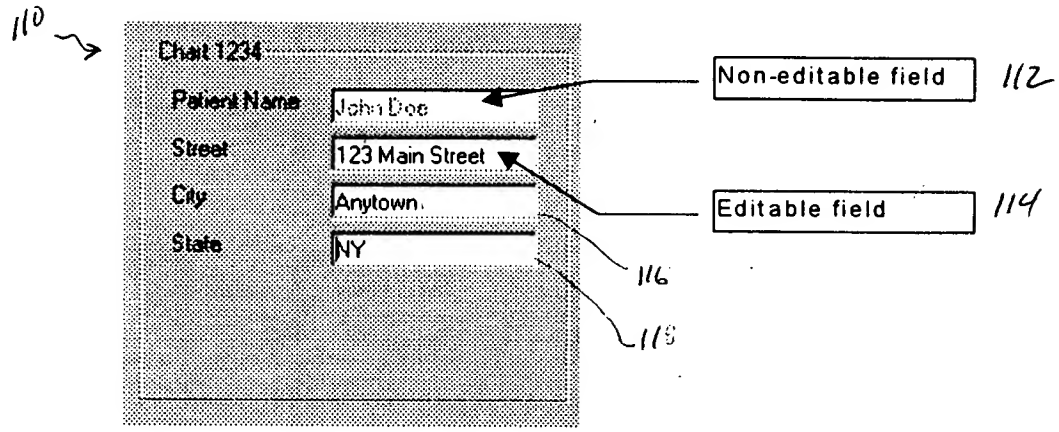
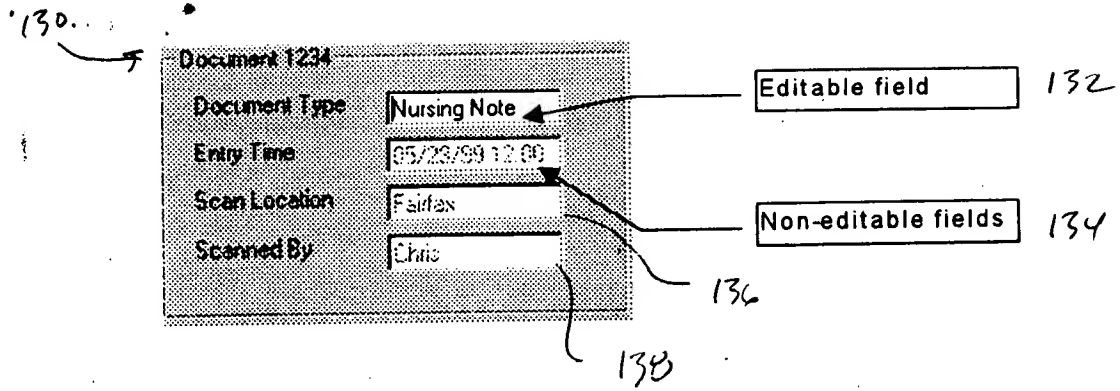


Figure 6: Chart Object Containment


110
Chart 1234
Patient Name
John Doe
Street
123 Main Street
City
Anytown
State
NY
Non-editable field
112
Editable field
114
116
118

108

Figure 7

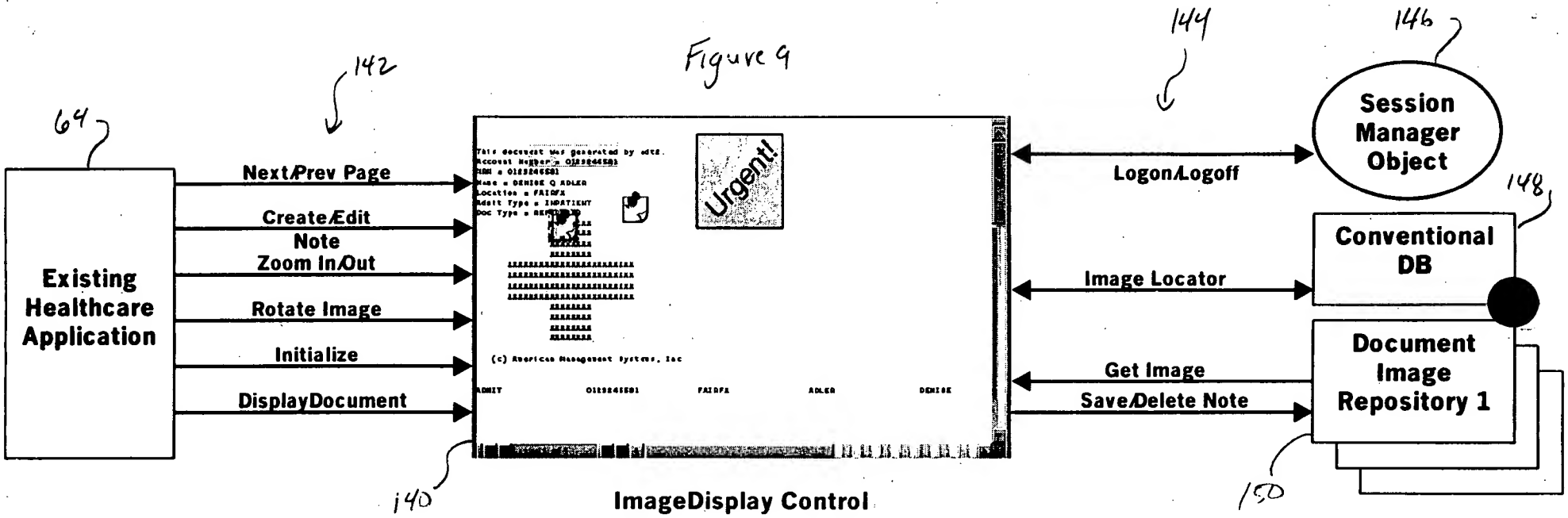

130
Document 1234
Document Type
Nursing Note
Entry Time
05/23/99 12:00
Scan Location
Fairfax
Scanned By
Chris
Editable field
132
Non-editable fields
134
136
138

128

Figure 8

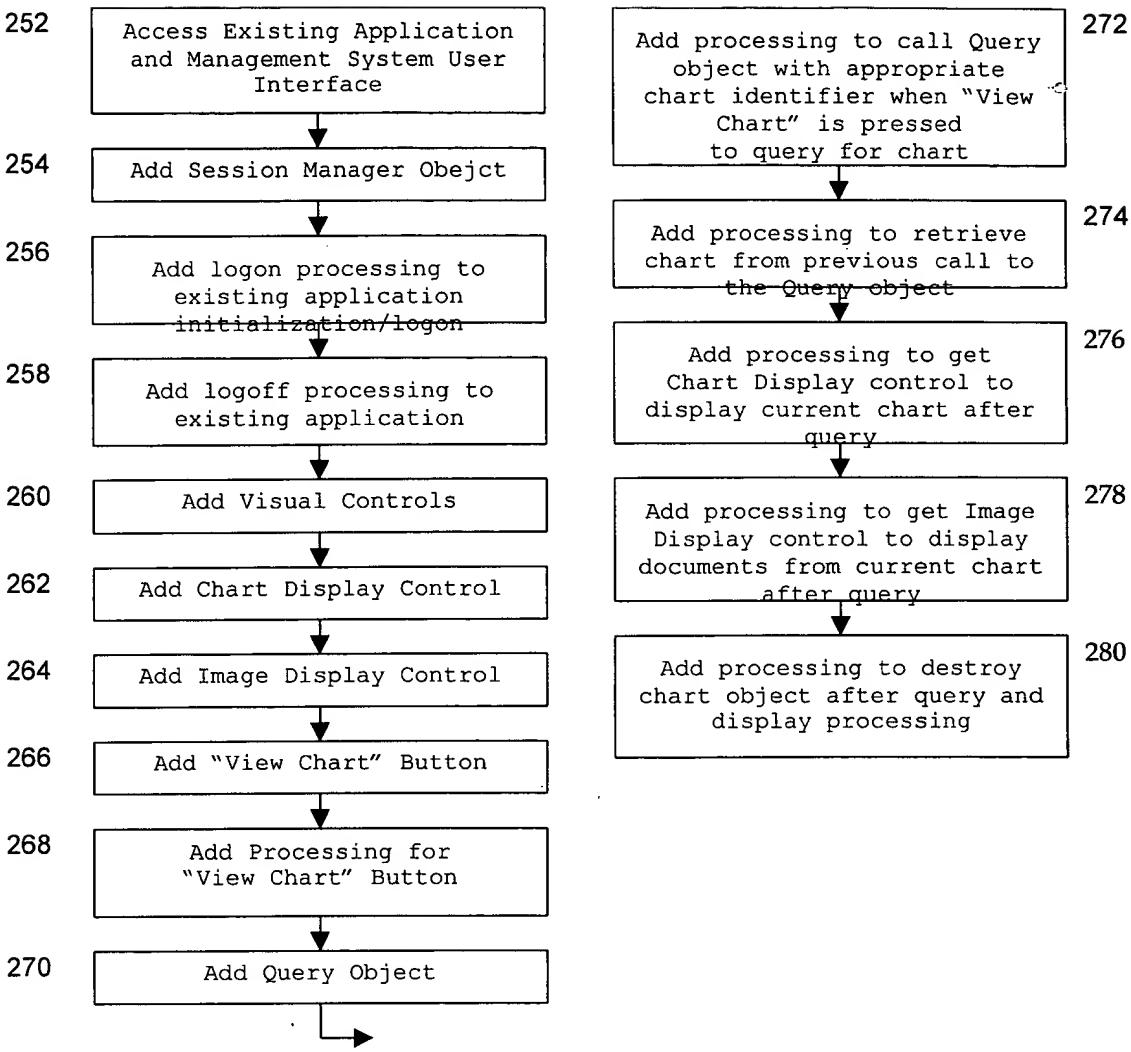
6611080 6125926

Figure 9



Interaction of Imbedded ImageDisplay Control with Existing Healthcare Application and Document Management Databases

Figure 10


252
Access Existing Application and Management System User Interface
254
Add Session Manager Obejct
256
Add logon processing to existing application initialization/logon
258
Add logoff processing to existing application
260
Add Visual Controls
262
Add Chart Display Control
264
Add Image Display Control
266
Add "View Chart" Button
268
Add Processing for "View Chart" Button
270
Add Query Object
272
Add processing to call Query object with appropriate chart identifier when "View Chart" is pressed to query for chart
274
Add processing to retrieve chart from previous call to the Query object
276
Add processing to get Chart Display control to display current chart after query
278
Add processing to get Image Display control to display documents from current chart after query
280
Add processing to destroy chart object after query and display processing

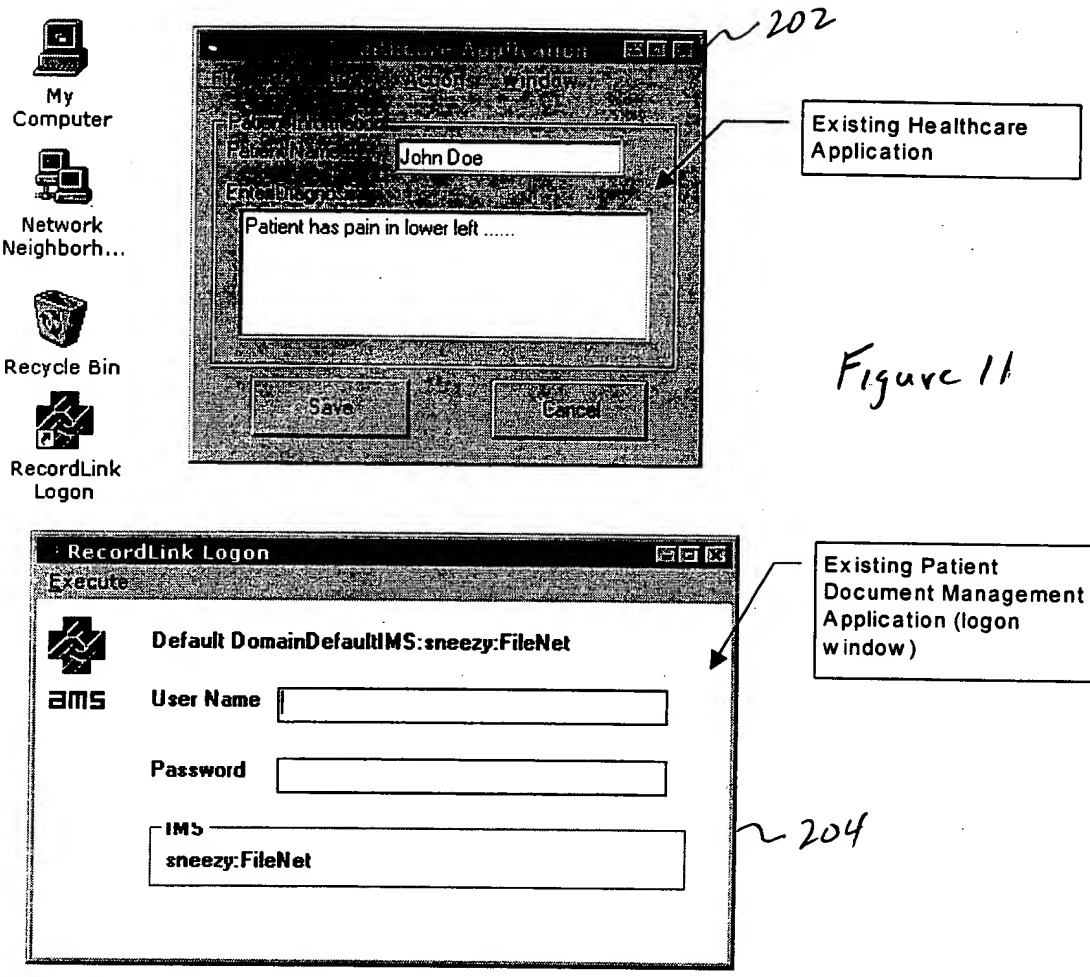

My Computer
Network Neighborh...
Recycle Bin
RecordLink Logon
John Doe
Patient has pain in lower left .....
Save
Cancel
202
Existing Healthcare Application
RecordLink Logon
Execute
Default DomainDefaultIMS:sneezy:FileNet
IMS
User Name
Password
IMS
sneezy:FileNet
204
Existing Patient Document Management Application (logon window)

Figure 11

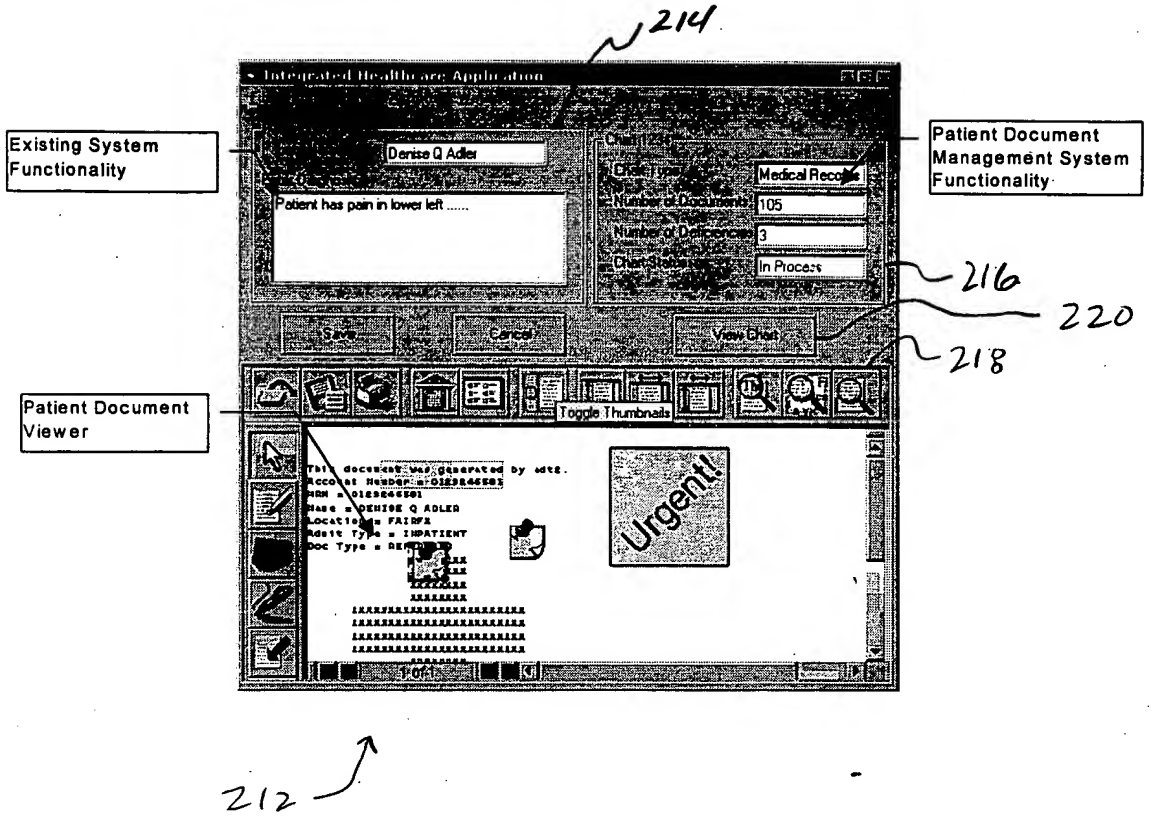

214
Integrated Healthcare Application
Existing System Functionality
Patient Document Management System Functionality
Denise Q Adler
Patient has pain in lower left .....
Medical Records
105
3
In Process
216
220
218
Save
Cancel
View Chart
Patient Document Viewer
Toggle Thumbnails
Urgent!
212

Figure 12